Data Collection and Preprocessing Phase

Date	11 March 2025
Team ID	LTVIP2025TMID26675
Project Title	Visualization tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	10 Marks

Data Exploration and Preprocessing Template

Identifies data sources, assesses quality issues like missing values and duplicates, and implements resolution plans to ensure accurate and reliable analysis.

Section	Description
Data Overview	Short description about dataset
Data Cleaning	Handle missing values, duplicates, and correct errors.
Data Transformation	Use of filtering, sorting, pivoting, and creating calculated fields
Data Type Conversion	Rectifying Datatype
Column Splitting and Merging	Split or merge columns as needed.
Data Modeling	Define relationships between tables
Save Processed Data	Save the cleaned and processed data for future use.